

COVID-19 Cases Among Children and Youth in Washington

Washington State Department of Health

January 04, 2023



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January 04, 2023

The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.

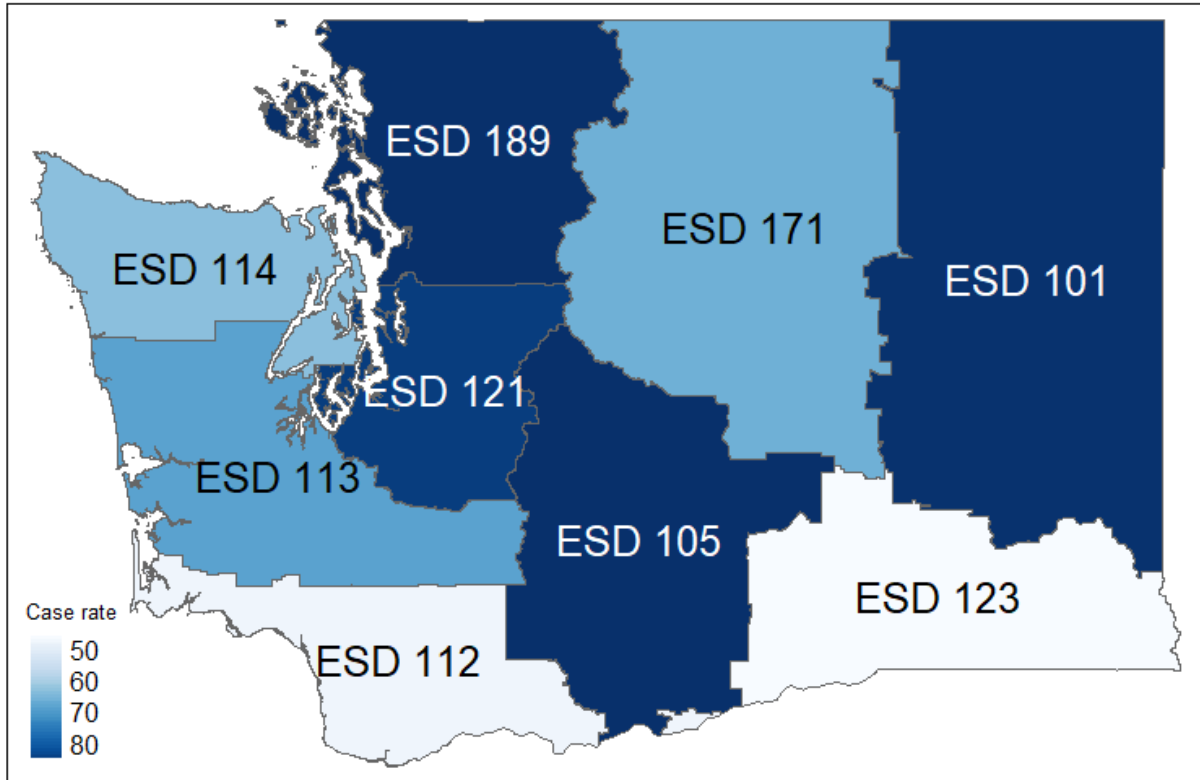
Key findings

- Among children and youth in Washington state from December 10, 2022 to December 24, 2022:
 - there were 1,457 cases (77.3 cases per 100,000 population)
 - case rates are continuing to decrease
 - the highest case rates were in ESD 105 Washington
 - 0-3 year-olds had the highest case rates (166.8 cases per 100,000 population)
 - there were 36 hospitalizations (1.9 hospitalizations per 100,000 population)
 - hospitalization rates are stable
- There have been a total of 12 deaths in all children and youth in Washington state reported January 1, 2021 to Dec 24, 2022

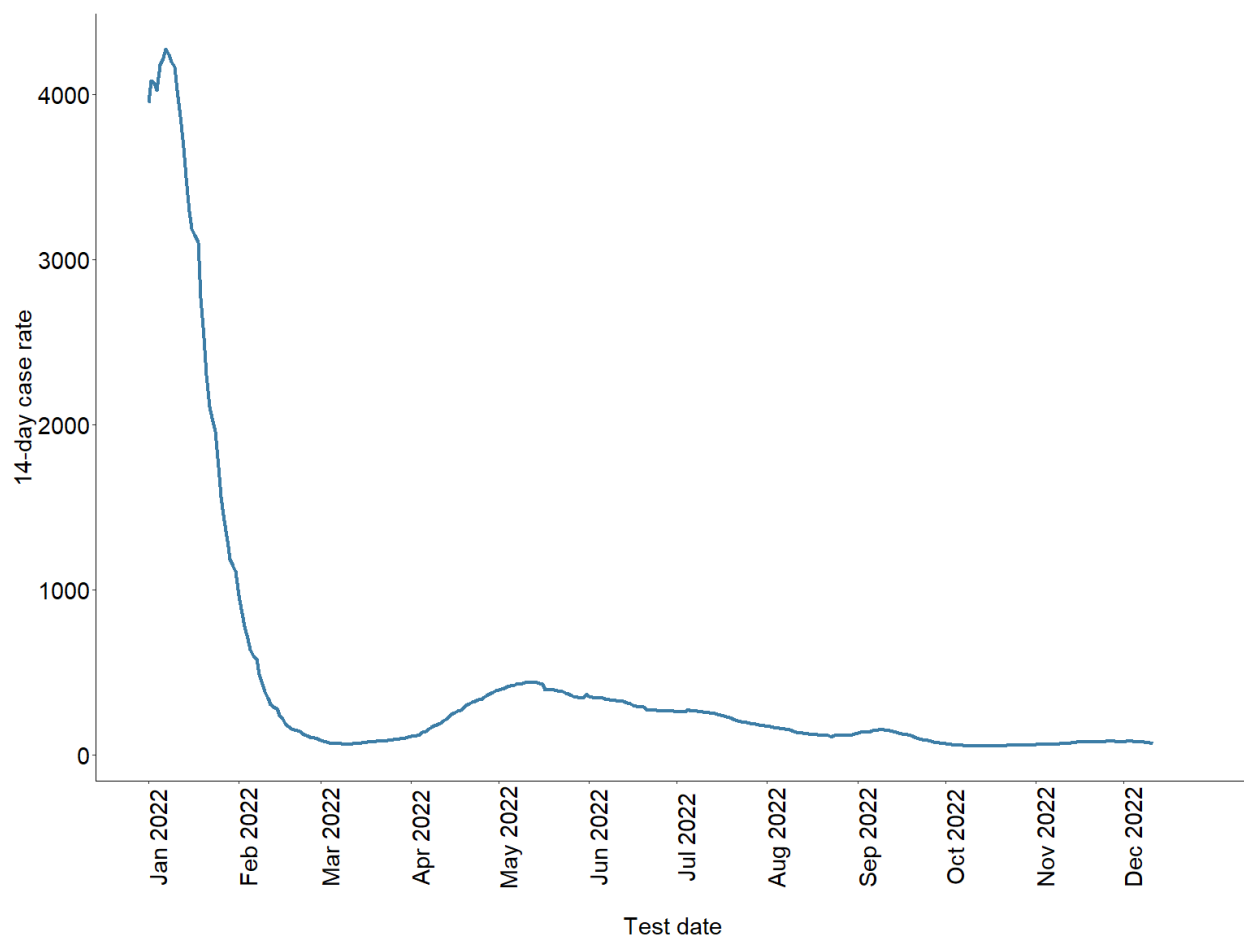
Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, December 10, 2022 - December 24, 2022

ESD	Population	Case count	Case rate
ESD 101	168,583	146	86.6
ESD 105	105,235	92	87.4
ESD 112	162,085	77	47.5
ESD 113	119,629	82	68.5
ESD 114	78,966	50	63.3
ESD 121	769,804	655	85.1
ESD 123	120,595	55	45.6
ESD 171	67,904	45	66.3
ESD 189	292,760	255	87.1
State total	1,885,561	1,457	77.3

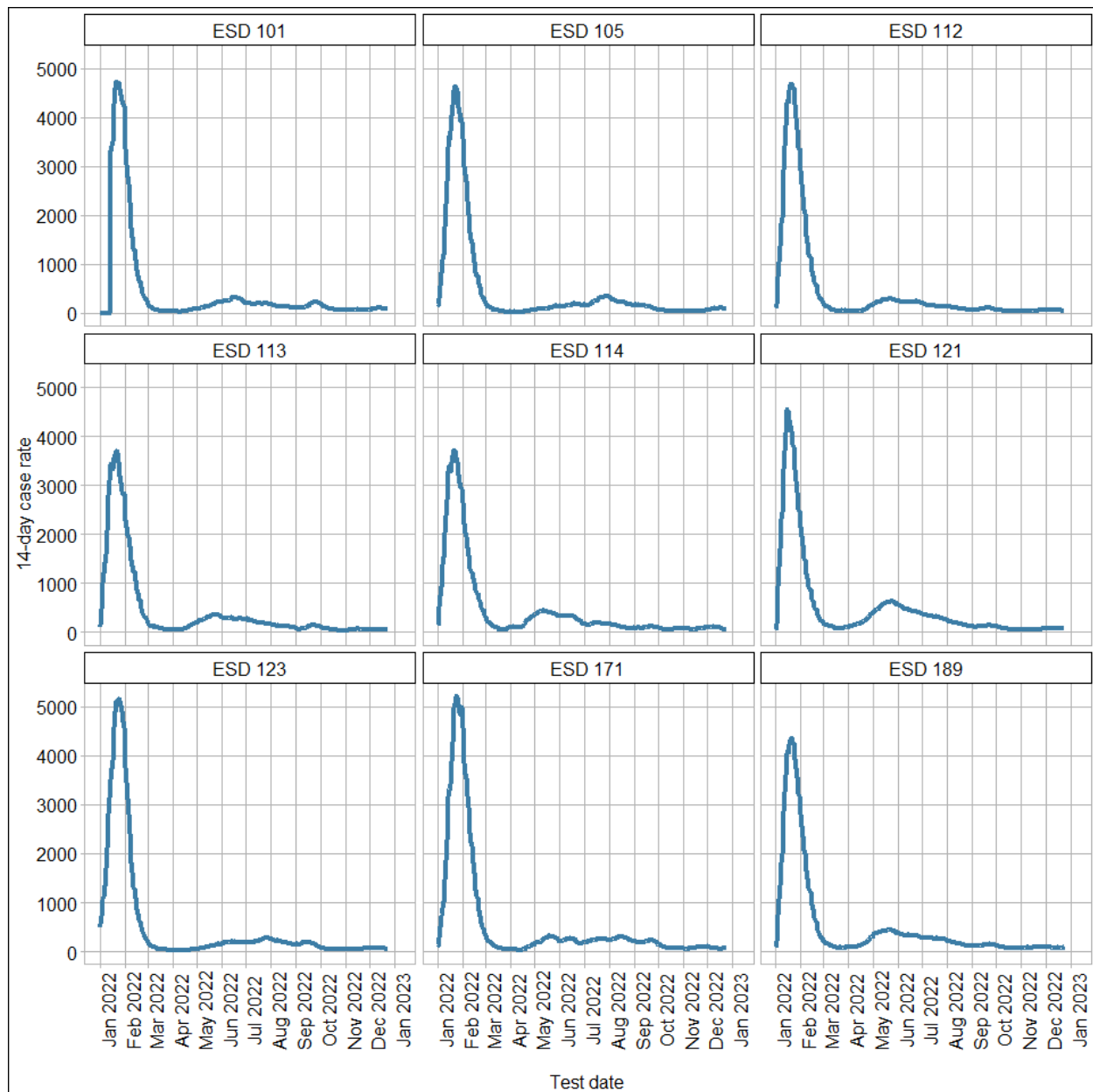
COVID-19 case rate per 100,000 population in all children and youth by ESD region, December 10, 2022 to December 24, 2022



14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Dec 24, 2022



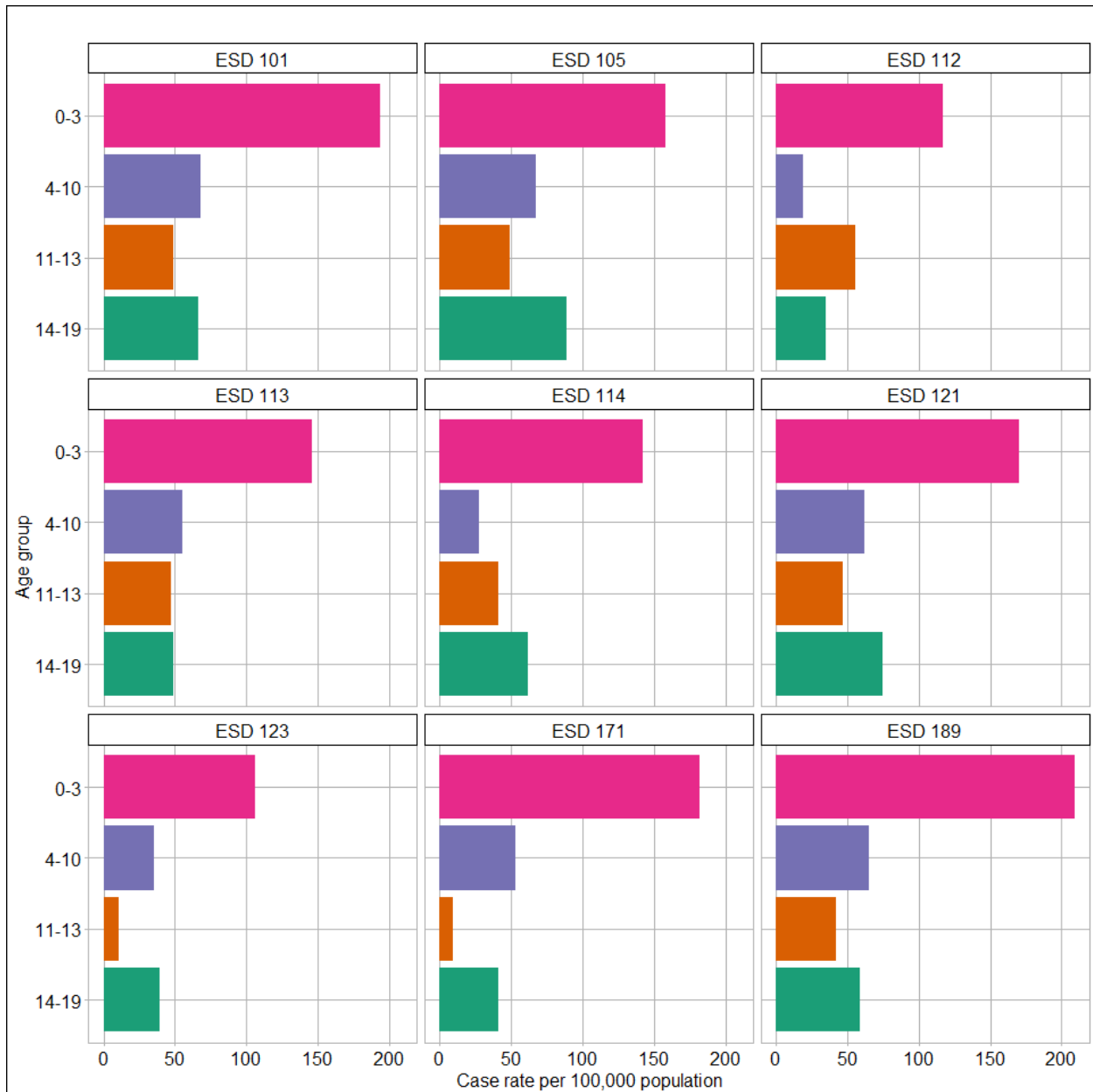
14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2021 to Dec 24, 2022



Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, December 10, 2022 - December 24, 2022

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	57	193.5	38	68.4	12	48.6	39	66.2
ESD 105	31	157.9	25	66.6	8	48.6	28	88.7
ESD 112	34	116.7	11	19.0	15	56.4	17	35.0
ESD 113	32	146.2	23	54.7	9	46.9	18	49.3
ESD 114	23	142.2	8	28.3	5	41.4	14	62.4
ESD 121	261	170.5	171	62.0	55	47.1	168	74.9
ESD 123	24	105.8	15	34.7	2	10.5	14	39.3
ESD 171	23	182.0	13	52.7	1	9.0	8	40.9
ESD 189	117	208.6	68	65.5	19	41.6	51	58.5
State total	602	166.8	372	55.6	126	43.2	357	63.2

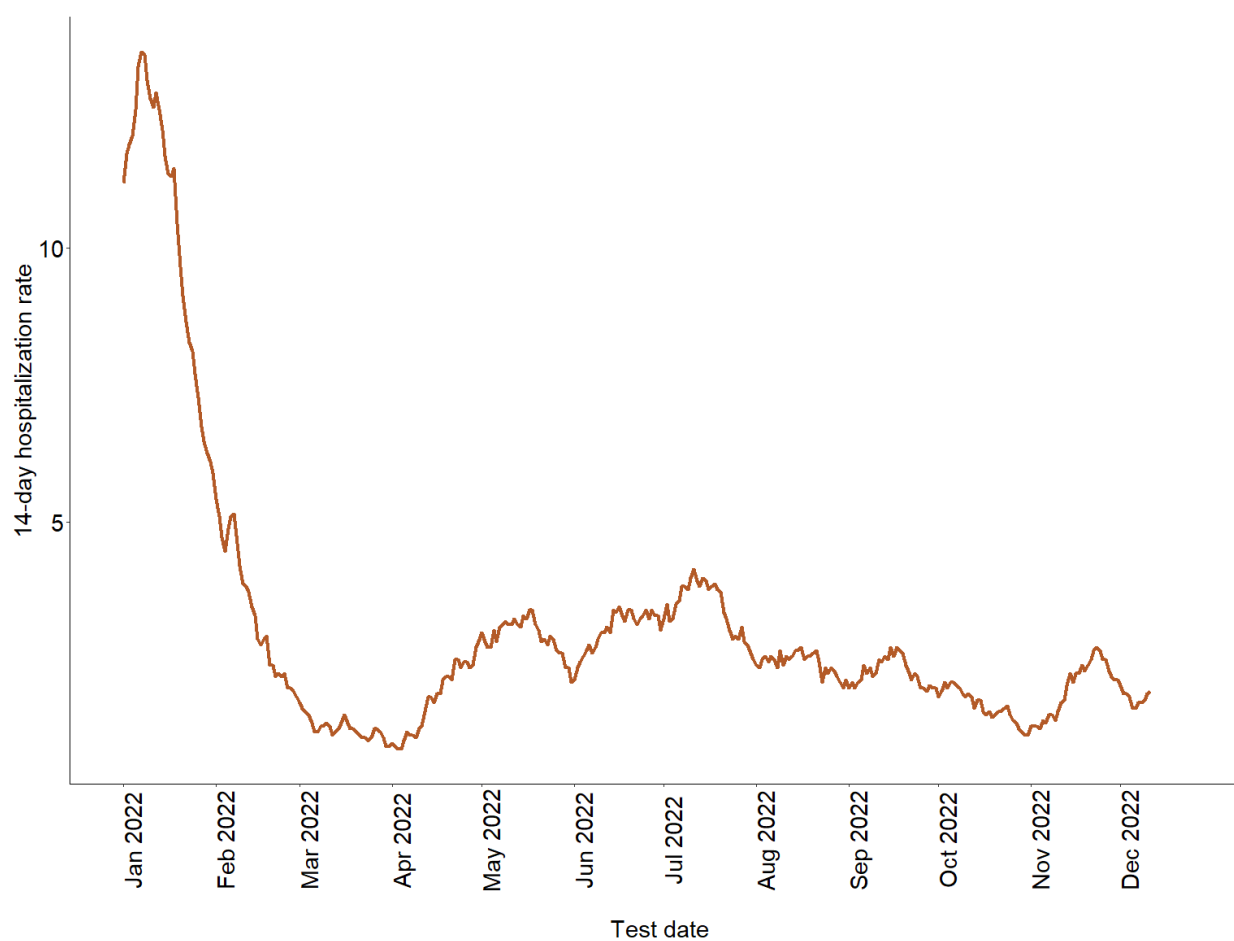
COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, December 10, 2022 - December 24, 2022



COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, December 10, 2022 - December 24, 2022

Population	Hospitalization count	Hospitalization rate
1,885,561	36	1.9

14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Dec 24, 2022



Methods

Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, December 10, 2022 - December 24, 2022.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between December 10, 2022 - December 24, 2022. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.